Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 02 Mar 2021 until 23:59 on Wednesday 03 Mar 2021

Forecast Issued on Tuesday 02 Mar 2021 at 03:19

Confidence: High for a largely settled and dry week although there is some uncertainty regarding cloud amounts, and northward extent of showery conditions on Wednesday.

Headline for Tuesday 02 Mar 2021: Extensive hill fog in morning and again later, but some sunnier spells in afternoon. Easing winds.

Mountain weather hazards on Tuesday 02 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	20%	<05%	00%	00%	<05%

Forecast for Tuesday 02 Mar 2021

Weather: Cloudy through the morning with hills obscured. Cloud slowly lifting towards midday with some bright or sunny spells developing, especially in the west for the afternoon. Cloud returning in evening, along with low level mist and fog.

Chance of cloud free mountain/hill tops above 600m: Close to zero across eastern hills through the morning and again later, otherwise around 60%.

Visibility: Cloud above 200m in the east through the morning and again later in evening, otherwise occasional cloud above 600m. Away from cloud visibility good or very good, but a few hundred metres in any early low level fog patches

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Forecast for Tuesday 02 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 E	13/17 E	9/12 SE	7/10 E	6/8 SE	5/7 E	4/6 S
300	4/10 S	5/11 E	9/12 E	5/8 E	4/7 E	5/8 E	3/5 S
Valley	1/5 N	3/9 N	3/6 SW	4/7 SE	5/8 E	4/6 SE	3/5 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-3	2/-1	3/0	2/-0	3/0	2/0
300	0/-2	1/-2	4/0	6/4	4/2	4/2	2/1
Valley	-1/-3	0/-2	4/3	7/6	4/2	2/0	1/-0
Freezing Level*	00m	200m	800m	1000m	1000m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frozen in valleys at first, and also at height. Despite the chilly temperatures, light winds and extensive sunshine will ensure a largely fine day outside of cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 02 Mar 2021	N/A	N/A	N/A

Forecast for Wednesday 03 Mar 2021

Weather: A mostly cloudy day with extensive hill fog, especially in east with perhaps some brighter spells in west. Risk of the odd shower affecting the southern routes during the afternoon and evening.

Maximum wind: Mainly easterly at less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Close to zero through much of the day, although nearer 40% in the west for a time in the afternoon.

Visibility: Persistent cloud 300m or less, but becoming more occasional at times in west above 600m during the afternoon. Away from cloud visibility good but falling to several kilometres in showers.

Temperature: **Valleys:** Minus 1 Celsius at dawn rising to Plus 7 Celsius
At 600m: Plus 2 Celsius
Freezing level: Above summits

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